

(FILE 'HOME' ENTERED AT 06:46:49 ON 09 MAY 2007)



FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 06:47:21 ON 09 MAY 2007

L1 58747 S SALE?/AU OR NEUBERGER?/AU OR CUMBERS?/AU  
L2 201 S L1 AND HYPERMUT?  
L3 72 DUP REM L2 (129 DUPLICATES REMOVED)  
L4 8711 S HYPERMUT?  
L5 472 S L4(S)RATE  
L6 164 DUP REM L5 (308 DUPLICATES REMOVED)  
L7 15 S CONSTITUTIVE(S)HYPERMUT?  
L8 9 DUP REM L7 (6 DUPLICATES REMOVED)  
L9 1685 S (V(3A)GENE) (S) (C(3A)GENE).  
L10 31 S L9 AND HYPERMUT?  
L11 17 DUP REM L10 (14 DUPLICATES REMOVED)  
L12 10 S L9 AND (MUTATION(3A)RATE)  
L13 4 DUP REM L12 (6 DUPLICATES REMOVED)  
L14 94 S B CELL(S) (?MUTATION(3A)RATE)  
L15 44 DUP REM L14 (50 DUPLICATES REMOVED)  
L16 4659 S SOMATIC HYPERMUTATION  
L17 3101 S L16 AND B CELL  
L18 103 S L17 AND CONSTITUTIV?\  
L19 103 S L17 AND CONSTITUTIV?  
L20 103 S L19 AND B CELL  
L21 44 DUP REM L20 (59 DUPLICATES REMOVED)  
L22 1 S L18 AND RAD51?

# EAST Search History



Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L98	850	hypermutation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L99	14	L98 same constitutive	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L100	422	target same diversif\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L101	105	L100 and (immunoglobulin or "b cell")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L102	51	"v gene" same "c gene"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L103	0	L102 and hypermutation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L104	642	"somatic hypermutation"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L105	642	"somatic hypermutation"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L106	5	L105 same (relativ\$3 or comparitiv\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L107	40	hypermut\$4.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L108	37	L107 and cell.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44

## EAST Search History

L109	1	"10/216540"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L110	1	L109 and complement\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L111	2	("6146894").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L112	0	L111 AND RAD51\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L113	0	L111 AND XRCC?	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L114	0	L111 AND MUTAGEN	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L115	231	TREAT\$5 SAME MUTAGEN\$5 SAME "CELL LINE"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L116	1	TREAT SAME MUTAGEN SAME "CELL LINE"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L117	659	RAD51\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L118	124	"CELL LINE" SAME DESIR\$5 SAME PROPERT\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L119	40	L118 SAME SELECT\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L120	0	L119 AND MUTAGEN	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44

## EAST Search History

L121	1	"10/733532"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L122	2	"10/146505"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L123	2	L122 and target	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L124	2	L122 and immunoglobulin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L125	2	L122 and "immunoglobulin expressing"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L126	2	L122 and (immunoglobulin near3 expressing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L127	2	"10/146505"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L128	1	"10/216540"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L129	1	L94 and complement	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L130	1	L94 and complement\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L131	1	"10/372730"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L132	1	L131 and "human app"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44

## EAST Search History

L133	2	("4798796").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L134	1	L133 AND MUTAGEN	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L135	1	L121 AND "GENETIC MANIPULATION"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L136	1	L121 AND MUTAGEN	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L137	2	"200022111"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L138	53	hypermutation near5 target\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L139	2	("5371009").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L140	2	"200022111"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L141	53	hypermutation near5 target\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L142	2	"200022111"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L143	14	L86 same constitutive	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L144	105	L87 and (immunoglobulin or "b cell")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44

## EAST Search History

L145	51	"v gene" same "c gene"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L146	5	L92 same (relativ\$3 or comparitiv\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L147	20	L86 same (relativ\$3 or comparitiv\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L148	40	hypermut\$4.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L149	37	L148 and cell.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L150	2	("6808901").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L151	15	L104 and rad51\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L152	14	L104 and xrcc?	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L153	2	("6146894").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L154	2	L111 AND MUTAGENIC	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L155	110	L115 SAME SELECT\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L156	15	L155 SAME RAPID\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44

## EAST Search History

L157	2	("4798796").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L158	68	TREAT\$5 SAME MUTAGEN SAME "CELL LINE"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L159	27	L117 SAME "CELL LINE"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L160	59	"CELL LINE" SAME MUTAGEN SAME SELECT\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 06:44
L161	182	hypermutation near5 rate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44
L162	206	L86 same rate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:44